

REMARKS

Reconsideration and allowance in view of the foregoing amendments and the following remarks are respectfully requested. By this Amendment, Claims 1, 14, and 22 have been amended, and Claims 2 and 15 have been canceled without prejudice or disclaimer. Thus, favorable consideration of Claims 1, 3, 4, 14, 16, 17, 22 and 29 is respectfully requested.

In the present Amendment, the method of Claim 1 has been amended to recite:

- parsing the XML document into a stream of schema elements and data elements;
- receiving the stream of schema elements using an API;
- converting the stream of schema elements into data type definition (DTD) objects;
- validating the stream of data elements using the DTD objects; and
- if valid, passing the stream of data elements to an application using the API.

The architecture of Claim 14 has been amended to recite:

- a parser to parse the XML document into a stream of elements including a stream of schema elements and a stream of data elements;
- converter to convert the stream of schema elements into data type definition (DTD) object using an API and to validate the stream of data elements using the DTD objects; and
- a schema node factory to pass valid data elements to an application using the API.

It is respectfully submitted that the present amendments are fully supported by the detailed description of the present application. It is further

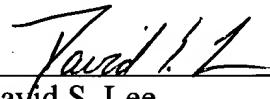
submitted that none of the references cited in the outstanding Office Action teach or suggest the parsing of an XML document into a stream of schema elements and data elements. Neither do any of the references teach or suggest the stream of schema elements being received by an API, the stream of scheme elements being converted into DTD objects that are used to validate the stream of data elements, and the stream of valid data elements being passed to an application using the same API used to receive the stream of schema elements.

Thus, the Applicant respectfully traverses the outstanding rejections in view of at least the present amendments to the claims, and further submits that the outstanding rejections under 35 U.S.C. §103(a) should be reconsidered and withdrawn. In particular, it is requested that the rejection of Claims 1, 2, 4, 14, 16, 17, and 22 under 35 U.S.C. §103(a) as being unpatentable over “XML Authority Ends Waiting Games for Schema Developers” (Dougherty) in view of “XML Authority” by Extensibility Inc. (hereafter “Authority”) and further in view of the admitted prior art; and the rejection of Claims 3 and 15 under 35 U.S.C. §103(a) as being unpatentable over Dougherty, Authority, and the admitted prior art in further view of Hickman, et al. (U.S. Patent 6,564,252) be reconsidered and withdrawn, in view of the present amendments, as described above.

All objections and rejections having been addressed, it is respectfully submitted that the present application is now in condition for allowance. Early and forthright issuance of a Notice of Allowability is respectfully requested.

Respectfully Submitted,

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